

Top Ten Highest Historical Crests: Delaware River at Trenton

Latitude: 40.222

Period of Record: 1687-Present

Longitude: -74.778

Flood Stage: 20

Last Flood: 1/8/2014

Total Number of Floods: 28

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
3/8/1904	30.30	-9,999	Ice effects.
5/29/1687	29.80	-9,999	The "great land flood and rupture" at the falls (Trenton, NJ) in 1687 written by Phineas Pemberton.
8/20/1955	28.60	329,000	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
10/11/1903	28.52	295,000	The combination of a cold front from a low pressure system produced a secondary low pressure system produced up to 10 inches of rain in a 24-hour period. Locally heavier amounts of 11.58 and 15 inches reported in parts of New Jersey.
4/4/2005	25.33	242,000	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.
6/29/2006	25.09	237,000	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
3/19/1936	24.43	227,000	Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million.
1/3/1936	24.43	227,000	The weather summary is unavailable at this time.
3/2/1902	23.60	214,000	A series of snowstorms followed by heavy rains caused flooding on the Lehigh and Delaware Rivers as well as the most destructive flood on the Susquehanna in the Wyoming Valley since 1865.

Drainage Area: 6780 sq mi

Gage Datum: 0 ft MSL

Main Stem Delaware Basin

County of Gage: Mercer

County of Forecast Point: Mercer

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/19/2004	23.41	201,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.

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